



CITY OF EAST CHICAGO
Anthony Copeland, Mayor

East Chicago Sanitary District
Dr. Abderrahman Zehraoui, Director

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
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October 21, 2019

Natalie Maupin
Indiana Department of Environmental Management
Office of Water Quality-Mail Code 65-42
Compliance Evaluation Section-Pretreatment Group
100 North Senate
Indianapolis, IN 46204-2251

**RE: East Chicago Sanitary District
Quarterly Compliance Pretreatment Report
2nd Quarter Report of 2018**

To Natalie Maupin:

In accordance with Part III A (1) of the NPDES Permit No. 0022829, the East Chicago Sanitary District Pretreatment Staff has prepared and enclosed the Quarterly Report for the 2nd Quarter of 2018. Should you have any questions, please contact me at (219) 391-8466.

Sincerely,

Kenneth L. Myers

CC: Newton Ellens, USEPA
Abderrahman Zehraoui, Ph.D., Director of Utilities, ECSD

Encls.

EAST CHICAGO SANITARY DISTRICT
EAST CHICAGO, INDIANA
2nd QUARTER
INDUSTRIAL COMPLIANCE STATUS REPORT
2018

The District has a total of 23 permitted Industrial Users (IUs), eight which are categorized as Significant Industrial Users (SIUs). The eight SIU permittees consist of five Categorical Industrial Users (CIUs) [Outfall #312 ó Electric Coatings, Outfall #415 - TAC East Inc., Outfall #514 ó National Processing Corporation, Outfall #521 - Lakeshore Railcar Services, and Outfall #901 ó Safety Kleen] and three other IUs [Outfall #401 ó W. R. Grace, Outfall #936 ó US Steel Corporation, and Outfall #951 US Gypsum].

Except for the permitted IUs involving groundwater remediation projects (Outfalls 112, 124 and 411), each of the permitted IUs are sampled on monthly basis, as a minimum. This compliance report covers the period from April 1, 2018 to June 30, 2018.

The permitted industrial users (IUs) were sampled during this quarter on the dates listed below.

Outfall	Company	Number of Sampling Events		
		Apr	May	Jun
112	GATX	0	0	0
124	Buckeye Pipeline	0	0	0
312	Electric Coatings	1	1	1
401	WR Grace	1	1	1
411	USS Lead Site	0	0	0
415	TAC East	1	1	1
421	Central States Marketing	1	1	1
511	Green Lake Tube	1	1	1
514	National Processing	1	1	1
518	ICO Polymers	1	1	1
521	Lakeshore Railcar	1	2	2
531	Praxair, Inc. Production	1	1	1
541	Praxair, Inc. Rare Gases	1	1	1
611	Arcelor Mittal- Research	1	1	1
804	Arcelor Mittal East	1	1	1
805	Arcelor Mittal East	1	1	1
901	Safety-Kleen	2	2	2
931	Arcelor Mittal West	1	1	1
934	Arcelor Mittal West	1	1	1
935	Arcelor Mittal West	1	1	1
936	US Steel	1	1	1
941	Praxair, Inc. HyCO	1	1	1
951	US Gypsum	1	1	1

One IU, #112 GATX, consisting of a groundwater remediation system for treating impacted petroleum groundwater, did not complete sampling during the quarter as the remediation system was still not operational during the second quarter of 2018 and had no discharges.

Another IU, #124 Buckeye Pipeline, maintains a discharge permit for several dewatering and groundwater remediation projects. No sampling was performed during the second quarter as there were no discharges to the sanitary sewer outfall.

During the 2nd quarter of 2018, the following Categorical Industrial Users (CIUs) experienced violations with the following parameters and are summarized as follows:

East Chicago Sanitary District
Compliance Status Report
Report Date Range: 4/1/2018 - 6/30/2018

Varnu	Variable	Violation	Limit Description	Limit
57191	415 Amen. Cyanide {mg/L}	1	Daily Maximum Limit	>0.004
58191	421 Amen. Cyanide {mg/L}	1	Daily Maximum Limit	>=0.004
58199	421 Cl2 Residual {mg/L}	2	Daily Maximum Limit	>0.4
60171	514 Phenol {mg/L}	1	Daily Maximum Limit	>0.7
61191	518 Amen. Cyanide {mg/L}	1	Daily Maximum Limit	>=0.004
62191	521 Amen. Cyanide {mg/L}	1	Daily Maximum Limit	>=0.004
62199	521 Cl2 Residual {mg/L}	3	Daily Maximum Limit	>0.4
63191	531 Amen. Cyanide {mg/L}	1	Daily Maximum Limit	>=0.004
70191	901 Amen. Cyanide {mg/L}	5	Daily Maximum Limit	>=0.004
70151	901 Ammonia NH3N {mg/L}	1	Daily Maximum Limit	>77
70199	901 Cl2 Residual {mg/L}	3	Daily Maximum Limit	>0.4
76141	951 Total Phosphorus {mg/L}	2	Daily Maximum Limit	>5.5

No other violations were noted during the 2nd quarter 2018 pretreatment monitoring by the District or IU self-monitoring reports. The violations at the IUs noted above were handled in accordance with the Sanitary District's Response Plan and Sewer Ordinance. The following summarizes the Notices of Violations (NOVs) and fines that were issued to the various users. No fines were issued in instances where the residual chlorine concentration violation may have been attributable to residual chlorine in the potable water supply.

Sample Date	Results Date	Outfall	Parameter(s)	Reported Concentration	NOV Letter Sent	Fine Amount
4/10/2018	4/23/2018	901	CN	0.025	24-Apr	\$ 2,500
4/23/2018	4/23/2018	901	Cl2 Res	1	26-Apr	No Fine
4/25/2018	5/3/2018	415	CN	0.009	7-May	\$ 1,000
5/7/2018	5/22/2018	901	CN	0.044	22-May	\$ 2,500
5/10/2018	5/21/2018	514	Phenol	1.5	29-May	\$ 1,000
5/30/2018	6/7/2018	901	CN	0.078	13-Jun	\$ 2,500
6/6/2018	6/19/2018	421	CN	0.004	25-Jun	\$ 1,000
6/6/2018	7/17/2018	531	CN	0.004	17-Jul	\$ 1,000
6/11/2018	6/26/2018	901	CN	0.028	22-Aug	\$ 2,500
6/14/2018	7/2/2018	518	CN	0.005	13-Jul	\$ 1,000
6/27/2018	7/11/2018	521	CN	0.037	11-Jul	\$ 1,000

A Quarterly Summary Report for each IU having an exceedance of a local or categorical limit based upon the analytical results of sampling completed between the period April 1 through June 30, 2018 is included as an attachment to this letter. These summaries provide the dates and analytical results of the pretreatment monitoring for each facility. Analytical results that exceed the local or categorical limit are highlighted.

A Quarterly Summary Report for each IU having a violation between the period April 1 through June 30, 2018 is included as an attachment to this letter.

Monthly Pretreatment Monitoring Report Summaries for IUs with Violations

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: *TAC East, Inc.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/25/18	7.4	04/25/18	0.00	04/25/18	0.0003	04/25/18	0.015	04/25/18	0.0000
Sample #2 Date, Result	05/23/18	8.4	05/23/18	0.0000	05/23/18	0.0002	05/23/18	0.014	05/23/18	0.0000
Sample #3 Date, Result	06/13/18	8.0	06/13/18	0.0000	06/13/18	0.0000	06/13/18	0.00	06/13/18	0.0000
Minimum		7.4		0.0000		0.0000		0.0030		0.0000
Maximum		8.4		0.0000		0.0003		0.0150		0.0000
Average		7.9		0.0000		0.0002		0.0107		0.0000
	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/25/18	0.0420	04/25/18	0.0250	04/25/18	0.0000	04/25/18	0.0000	04/25/18	0.0890
Sample #2 Date, Result	05/23/18	0.0180	05/23/18	0.0130	05/23/18	0.0000	05/23/18	0.0000	05/23/18	0.0700
Sample #3 Date, Result			06/13/18	0.0280	06/13/18	0.0000	06/13/18	0.0000	06/13/18	0.0420
Minimum		0.0180		0.0130		0.0000		0.0000		0.0420
Maximum		0.0420		0.0280		0.0000		0.0000		0.0890
Average		0.0300		0.0220		0.0000		0.0000		0.0670
	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	05/23/18	0.0210	05/23/18	0.0000	04/25/18	0.4900	05/23/18	0.0002	04/25/18	2.1000
Sample #2 Date, Result					05/23/18	1.3000	06/27/18	0.0000	05/23/18	2.0000
Sample #3 Date, Result					06/13/18	0.4200			06/13/18	5.4000
Minimum		0.0210		0.0000		0.4200		0.0000		2.0000
Maximum		0.0210		0.0000		1.3000		0.0002		5.4000
Average		0.0210		0.0000		0.7367		0.0001		3.1667
	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/25/18	0.2500	04/25/18	0.0300	04/25/18	0.0000	04/25/18	0.0096	04/25/18	2.9000
Sample #2 Date, Result	05/23/18	0.3200	05/23/18	0.0400	05/23/18	0.0042	05/23/18	0.0012	05/23/18	20.0000
Sample #3 Date, Result	06/13/18	0.2400	06/13/18	0.0500	06/13/18	0.0000	06/13/18	0.0000	06/13/18	3.0000
Minimum		0.2400		0.0300		0.0000		0.0000		2.9000
Maximum		0.3200		0.0500		0.0042		0.0096		20.0000
Average		0.2700		0.0400		0.0014		0.0036		8.6333
	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	04/25/18	0.0000	05/23/18	0.0000	04/25/18	2,200.0000	04/25/18	1,700.00	04/25/18	12.00
Sample #2 Date, Result	05/23/18	0.1000			05/23/18	800.0000	05/23/18	1,300.00	05/23/18	42.00
Sample #3 Date, Result	06/13/18	0.0300			06/13/18	370.0000	06/13/18	1,300.00	06/13/18	8.00
Minimum		0.0000		0.0000		370.0000		1,300.00		8.00
Maximum		0.1000		0.0000		2,200.0000		1,700.00		42.00
Average		0.0433		0.0000		1,123.3333		1,433.33		20.67
	Sulfate		SGT-HEM							
Sample #1 Date, Result	04/25/18	560.000	06/27/18	16.5000						
Sample #2 Date, Result	05/23/18	400.000								
Sample #3 Date, Result	06/13/18	500.000								
Minimum		400.000		16.500						
Maximum		560.000		16.500						
Average		486.667		16.500						

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: *TAC East, Inc.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper*	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury*	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
SGT-HEM*	mg/L	26	0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

*Site Specific Limit

**If not specified, the unit is in mg/L

of Violations and # of TRC Exceedances based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: *Central States Marketing Co.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/05/18	8.1	04/06/18	0.0000	05/17/18	0.0000	05/17/18	0.0076	05/17/18	0.0000
Sample #2 Date, Result	05/17/18	8.3	05/17/18	0.0000						
Sample #3 Date, Result	06/06/18	8.6	06/06/18	0.0000						
Minimum		8.1		0.0000		0.0000		0.0076		0.0000
Maximum		8.6		0.0000		0.0000		0.0076		0.0000
Average		8.3		0.0000		0.0000		0.0076		0.0000
	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	05/17/18	0.0000	05/17/18	0.0000	05/17/18	0.0000	04/06/18	0.0000	05/17/18	0.0000
Sample #2 Date, Result							05/17/18	0.0000		
Sample #3 Date, Result							06/06/18	0.0000		
Minimum		0.0000		0.0000		0.0000		0.0000		0.0000
Maximum		0.0000		0.0000		0.0000		0.0000		0.0000
Average		0.0000		0.0000		0.0000		0.0000		0.0000
	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	05/17/18	0.0030	05/17/18	0.0000	04/06/18	0.1500	05/17/18	0.0000	05/17/18	0.1900
Sample #2 Date, Result					05/17/18	0.1200			06/06/18	0.1400
Sample #3 Date, Result					06/06/18	0.1100				
Minimum		0.0030		0.0000		0.1100		0.0000		0.1400
Maximum		0.0030		0.0000		0.1500		0.0000		0.1900
Average		0.0030		0.0000		0.1267		0.0000		0.1650
	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	05/17/18	0.5000	05/17/18	0.0000	05/17/18	0.0000	05/17/18	0.0000	05/17/18	0.0000
Sample #2 Date, Result	06/06/18	0.5400					06/06/18	0.0040	06/06/18	0.0000
Sample #3 Date, Result										
Minimum		0.5000		0.0000		0.0000		0.0000		0.0000
Maximum		0.5400		0.0000		0.0000		0.0040		0.0000
Average		0.5200		0.0000		0.0000		0.0020		0.0000
	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	04/05/18	1.0100	05/17/18	0.00	04/06/18	14.00	04/06/18	160.00	04/06/18	0.00
Sample #2 Date, Result	04/11/18	0.3000			05/17/18	9.80	05/17/18	170.00	05/17/18	0.00
Sample #3 Date, Result	05/17/18	0.9000			06/06/18	20.00	06/06/18	120.00	06/06/18	2.00
Minimum		0.3000		0.0000		9.8000		120.00		0.00
Maximum		1.0100		0.0000		20.0000		170.00		2.00
Average		0.7367		0.0000		14.6000		150.00		0.67
	Sulfate									
Sample #1 Date, Result	04/06/18	26.000								
Sample #2 Date, Result	05/17/18	23.000								
Sample #3 Date, Result	06/06/18	20.000								
Minimum		20.000								
Maximum		26.000								
Average		23.000								

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: *Central States Marketing Co.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.3	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

*Site Specific Limit

**If not specified, the unit is in mg/L

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: 514 National Processing Corp.

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/04/18	7.4	04/04/18	0.0000	05/10/18	0.0000	04/04/18	0.0570	04/04/18	0.0000
Sample #2 Date, Result	05/10/18	7.7	05/10/18	0.0110			05/10/18	0.0170	05/10/18	0.0000
Sample #3 Date, Result	06/12/18	7.1	06/12/18	0.0320			06/12/18	0.0420	06/12/18	0.0000
Minimum		7.1		0.0000		0.0000		0.0170		0.0000
Maximum		7.7		0.0320		0.0000		0.0570		0.0000
Average		7.4		0.0143		0.0000		0.0387		0.0000
	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	05/10/18	0.0570	04/04/18	0.0220	05/10/18	0.0000	04/04/18	0.0000	04/04/18	0.0073
Sample #2 Date, Result			05/10/18	0.0260			05/10/18	0.0000	05/10/18	0.0110
Sample #3 Date, Result			06/12/18	0.0590			06/12/18	0.0000	06/12/18	0.0320
Minimum		0.0570		0.0220		0.0000		0.0000		0.0073
Maximum		0.0570		0.0590		0.0000		0.0000		0.0320
Average		0.0570		0.0357		0.0000		0.0000		0.0168
	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	05/10/18	0.0000	05/10/18	0.0000	04/04/18	0.2600	05/10/18	0.0000	04/04/18	0.3800
Sample #2 Date, Result					05/10/18	0.1800			05/10/18	0.2100
Sample #3 Date, Result					06/12/18	0.1900			06/12/18	0.2300
Minimum		0.0000		0.0000		0.1800		0.0000		0.2100
Maximum		0.0000		0.0000		0.2600		0.0000		0.3800
Average		0.0000		0.0000		0.2100		0.0000		0.2733
	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/04/18	0.5800	05/10/18	1.5000	04/04/18	0.0130	05/10/18	0.0000	04/04/18	0.0000
Sample #2 Date, Result	05/10/18	0.2100			05/10/18	0.0190			05/10/18	2.9000
Sample #3 Date, Result	06/12/18	1.0600			06/12/18	0.0530			06/12/18	0.0000
Minimum		0.2100		1.5000		0.0130		0.0000		0.0000
Maximum		1.0600		1.5000		0.0530		0.0000		2.9000
Average		0.6167		1.5000		0.0283		0.0000		0.9667
	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	04/04/18	0.2600	05/10/18	110.00	04/04/18	210.00	04/04/18	3,100.00	04/04/18	120.00
Sample #2 Date, Result	05/10/18	0.1200			05/10/18	250.00	05/10/18	1,200.00	05/10/18	54.00
Sample #3 Date, Result	06/12/18	0.1800			06/12/18	180.00	06/12/18	710.00	06/12/18	74.00
Minimum		0.1200		110.00		180.00		710.00		54.00
Maximum		0.2600		110.00		250.00		3,100.00		120.00
Average		0.1867		110.00		213.33		1,670.00		82.67
	Sulfate									
Sample #1 Date, Result	04/04/18	22.000								
Sample #2 Date, Result	05/10/18	28.000								
Sample #3 Date, Result	06/12/18	25.000								
Minimum		22.000								
Maximum		28.000								
Average		25.000								

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: 514 National Processing Corp.

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.3	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	1	1
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

*Site Specific Limit

**If not specified, the unit is in mg/L

of Violations and # of TRC Exceedances based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: ICO Polymers North America, Inc. (IPNA)

Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/17/18 7.5	05/16/18	0.0000	05/16/18	0.0000	05/16/18	0.0110	05/16/18	0.0000
Sample #2 Date, Result	05/16/18 8.3								
Sample #3 Date, Result	06/14/18 7.8								
Minimum	7.5		0.0000		0.0000		0.0110		0.0000
Maximum	8.3		0.0000		0.0000		0.0110		0.0000
Average	7.9		0.0000		0.0000		0.0110		0.0000
Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	05/16/18 0.0000	05/16/18	0.0011	05/16/18	0.0000	05/16/18	0.0000	05/16/18	0.0250
Sample #2 Date, Result									
Sample #3 Date, Result									
Minimum	0.0000		0.0011		0.0000		0.0000		0.0250
Maximum	0.0000		0.0011		0.0000		0.0000		0.0250
Average	0.0000		0.0011		0.0000		0.0000		0.0250
Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	05/16/18 0.0000	05/16/18	0.0000	04/17/18	0.1300	04/17/18	0.0000	04/17/18	0.0000
Sample #2 Date, Result				05/16/18	0.1400	05/16/18	0.0000	05/16/18	0.0800
Sample #3 Date, Result				06/14/18	0.1100			06/14/18	0.0000
Minimum	0.0000		0.0000		0.1100		0.0000		0.0000
Maximum	0.0000		0.0000		0.1400		0.0000		0.0800
Average	0.0000		0.0000		0.1267		0.0000		0.0267
Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/17/18 0.4300	04/17/18	0.0200	05/16/18	0.0000	04/17/18	0.0000	04/17/18	0.0000
Sample #2 Date, Result	05/16/18 0.3800	05/16/18	0.0000			05/16/18	0.0012	05/16/18	0.0000
Sample #3 Date, Result	06/14/18 0.2300	06/14/18	0.0000			06/14/18	0.0053	06/14/18	3.3000
Minimum	0.2300		0.0000		0.0000		0.0000		0.0000
Maximum	0.4300		0.0200		0.0000		0.0053		3.3000
Average	0.3467		0.0067		0.0000		0.0022		1.1000
Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	04/17/18 0.4000	05/16/18	0.00	04/17/18	160.0000	04/17/18	190.00	04/17/18	19.00
Sample #2 Date, Result	05/16/18 0.1300			05/16/18	32.0000	05/16/18	180.00	05/16/18	12.00
Sample #3 Date, Result	06/14/18 0.1600			06/14/18	110.0000	06/14/18	160.00	06/14/18	32.00
Minimum	0.1300		0.0000		32.0000		160.00		12.00
Maximum	0.4000		0.0000		160.0000		190.00		32.00
Average	0.2300		0.0000		100.6667		176.67		21.00
Sulfate									
Sample #1 Date, Result	04/17/18 30.000								
Sample #2 Date, Result	05/16/18 24.000								
Sample #3 Date, Result	06/14/18 78.000								
Minimum	24.000								
Maximum	78.000								
Average	44.000								

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: ICO Polymers North America, Inc. (IPNA)

Daily Max Limits					Other Limits				
Parameter	Units	Daily Max Limit	Violations	TRC Exceedances	Parameter	Units	Daily Minimum	Daily Maximum	Violations
Arsenic	mg/L	1.31	0	0	Field pH	su	5	10	0
Cadmium	mg/L		0	0					
Copper	mg/L	0.88	0	0					
Lead	mg/L	2.28	0	0					
Molybdenum	mg/L	2.8	0	0					
Nickel	mg/L	0.80	0	0					
Silver	mg/L		0	0					
Thallium	mg/L		0	0					
Zinc	mg/L	5.5	0	0					
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0					
Fluoranthene	mg/L		0	0					
Fluoride	mg/L	30	0	0					
Mercury	mg/L	0.0002	0	0					
Ammonia	mg/L	134	0	0					
Phosphorus	mg/L	31	0	0					
Phenols	mg/L	0.96	0	0					
Chromium	mg/L	7.0	0	0					
Available Cyanide	mg/L	0.019	0	0					
Oil & Grease	mg/L	117	0	0					
Residual Chlorine	mg/L		0	0					

*Site Specific Limit
**If not specified, the unit is in mg/L

of Violations and # of TRC Exceedances based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.
If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Apr 30, 2018

Industry Name:

Lakeshore Railcar & Tanker Services

Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/11/18 6.6	04/11/18	0.0130	04/18/18	0.0002	04/11/18	0.0110	04/11/18	0.0000
Sample #2 Date, Result		04/18/18	0.0055			04/18/18	0.0210	04/18/18	0.0023
Sample #3 Date, Result									
Minimum	6.6		0.0055		0.0002		0.0110		0.0000
Maximum	6.6		0.0130		0.0002		0.0210		0.0023
Average	6.6		0.0093		0.0002		0.0160		0.0012
Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/18/18 0.0064	04/18/18	0.0073	04/11/18	0.0000	04/11/18	0.0000	04/11/18	0.0000
Sample #2 Date, Result				04/18/18	0.0001	04/18/18	0.0007	04/18/18	0.0120
Sample #3 Date, Result									
Minimum	0.0064		0.0073		0.0000		0.0000		0.0000
Maximum	0.0064		0.0073		0.0001		0.0007		0.0120
Average	0.0064		0.0073		0.0000		0.0003		0.0060
Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	04/18/18 0.0190	04/18/18	0.0020	04/11/18	0.4100	04/11/18	0.00000	04/11/18	0.4900
Sample #2 Date, Result				04/18/18	0.2800	04/18/18	0.00010	04/18/18	0.6200
Sample #3 Date, Result									
Minimum	0.0190		0.0020		0.2800		0.00000		0.4900
Maximum	0.0190		0.0020		0.4100		0.00010		0.6200
Average	0.0190		0.0020		0.3450		0.00005		0.5550
Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/11/18 0.3400	04/11/18	0.1400	04/11/18	0.0041	04/11/18	0.0000	04/11/18	4.60
Sample #2 Date, Result	04/18/18 0.3900	04/18/18	0.0700	04/18/18	0.0023	04/18/18	0.0010	04/18/18	3.90
Sample #3 Date, Result									
Minimum	0.3400		0.0700		0.0023		0.0000		3.90
Maximum	0.3900		0.1400		0.0041		0.0010		4.60
Average	0.3650		0.1050		0.0032		0.0005		4.25
Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result	04/18/18 0.1400								
Sample #2 Date, Result									
Sample #3 Date, Result									
Minimum	0.1400								
Maximum	0.1400								
Average	0.1400								
Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	04/11/18 85.00	04/11/18	1,200.00	04/11/18	17.00			04/11/18	1,200.00
Sample #2 Date, Result				04/18/18	16.00			04/18/18	2,100.00
Sample #3 Date, Result									
Minimum	85.00		1,200.00		16.00				1,200.00
Maximum	85.00		1,200.00		17.00				2,100.00
Average	85.00		1,200.00		16.50				1,650.00

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Apr 30, 2018

Industry Name:

Lakeshore Railcar & Tanker Services

Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result									
Sample #2 Date, Result									
Sample #3 Date, Result									
Minimum									
Maximum									
Average									
o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result									
Sample #2 Date, Result									
Sample #3 Date, Result									
Minimum									
Maximum									
Average									

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Apr 30, 2018

Industry Name:

Lakeshore Railcar & Tanker Services

Daily Max Limits					Monthly Average Limits*				
Parameter	Units	Daily Max Limit	Violations	TRC Exceedances	Parameter	Units	Monthly Average Limit	Average	Violations
Arsenic*	mg/L	0.162	0	0	Antimony	mg/L	0.2060		
Cadmium	mg/L	0.474	0	0	Arsenic	mg/L	0.1040	0.0093	0
Copper	mg/L	0.5	0	0	Cadmium	mg/L	0.0962	0.0002	0
Lead	mg/L	0.350	0	0	Chromium	mg/L	0.3230	0.0032	0
Molybdenum	mg/L	2.8	0	0	Cobalt	mg/L	0.1240		
Nickel	mg/L	0.80	0	0	Copper	mg/L	0.2420	0.0160	0

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

May 01, 2018 to May 31, 2018

Industry Name:		Lakeshore Railcar & Tanker Services							
Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	05/02/18 9.2	05/02/18 0.0075	05/02/18 0.0000	05/02/18 0.0100	05/02/18 0.0000	05/02/18 0.0049	05/02/18 0.0000	05/02/18 0.0000	05/02/18 0.0000
Sample #2 Date, Result	05/22/18	05/22/18 0.0100	05/22/18 0.0002	05/22/18 0.0049	05/22/18 0.0000	05/22/18 0.0007	05/22/18 0.0007	05/22/18 0.0009	05/22/18 0.0009
Sample #3 Date, Result	05/31/18	05/31/18 0.0000	05/31/18 0.0000	05/31/18 0.0000	05/31/18 0.0000	05/31/18 0.0000	05/31/18 0.0000	05/31/18 0.0000	05/31/18 0.0000
Minimum	9.2	0.0075	0.0000	0.0049	0.0000	0.0007	0.0000	0.0000	0.0000
Maximum	9.2	0.0100	0.0002	0.0049	0.0000	0.0007	0.0000	0.0009	0.0009
Average	9.2	0.0088	0.0001	0.0007	0.0000	0.0003	0.0000	0.0005	0.0005
Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	05/02/18 0.0097	05/02/18 0.0540	05/02/18 0.0000	05/02/18 0.0000	05/02/18 0.0000	05/02/18 0.0000	05/02/18 0.0250	05/02/18 0.0250	05/02/18 0.0250
Sample #2 Date, Result	05/22/18	05/22/18 0.0670	05/22/18 0.0001	05/22/18 0.0007	05/22/18 0.0000	05/22/18 0.0007	05/22/18 0.0120	05/22/18 0.0120	05/22/18 0.0120
Sample #3 Date, Result	05/31/18	05/31/18 0.0097	05/31/18 0.0000	05/31/18 0.0000	05/31/18 0.0000	05/31/18 0.0000	05/31/18 0.0120	05/31/18 0.0120	05/31/18 0.0120
Minimum	0.0097	0.0540	0.0000	0.0000	0.0000	0.0000	0.0120	0.0120	0.0120
Maximum	0.0097	0.0670	0.0001	0.0007	0.0000	0.0007	0.0250	0.0250	0.0250
Average	0.0097	0.0605	0.0000	0.0000	0.0000	0.0003	0.0185	0.0185	0.0185
Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	05/02/18 0.0000	05/02/18 0.0000	05/02/18 0.2400	05/02/18 0.0000	05/02/18 0.0000	05/02/18 0.0000	05/02/18 0.6000	05/02/18 0.6000	05/02/18 0.6000
Sample #2 Date, Result	05/22/18 0.0170	05/22/18 0.0020	05/22/18 0.1500	05/22/18 0.0001	05/22/18 0.0001	05/22/18 0.0001	05/22/18 0.5700	05/22/18 0.5700	05/22/18 0.5700
Sample #3 Date, Result	05/31/18	05/31/18 0.0000	05/31/18 0.1500	05/31/18 0.0000	05/31/18 0.0000	05/31/18 0.0000	05/31/18 0.5700	05/31/18 0.5700	05/31/18 0.5700
Minimum	0.0000	0.0000	0.1500	0.0000	0.0000	0.0000	0.5700	0.5700	0.5700
Maximum	0.0170	0.0020	0.2400	0.0001	0.0001	0.0001	0.6000	0.6000	0.6000
Average	0.0085	0.0010	0.1950	0.0000	0.0000	0.0000	0.5850	0.5850	0.5850
Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	05/02/18 0.1900	05/02/18 0.0600	05/02/18 0.0014	05/02/18 0.0000	05/02/18 0.0000	05/02/18 0.0000	05/02/18 2.10	05/02/18 2.10	05/02/18 2.10
Sample #2 Date, Result	05/22/18 0.1400	05/22/18 0.0500	05/22/18 0.0023	05/22/18 0.0022	05/22/18 0.0022	05/22/18 0.0022	05/22/18 20.80	05/22/18 20.80	05/22/18 20.80
Sample #3 Date, Result	05/31/18	05/31/18 0.1400	05/31/18 0.0014	05/31/18 0.0000	05/31/18 0.0000	05/31/18 0.0000	05/31/18 2.10	05/31/18 2.10	05/31/18 2.10
Minimum	0.1400	0.0500	0.0014	0.0000	0.0000	0.0000	2.10	2.10	2.10
Maximum	0.1900	0.0600	0.0023	0.0022	0.0022	0.0022	20.80	20.80	20.80
Average	0.1650	0.0550	0.0019	0.0011	0.0011	0.0011	11.45	11.45	11.45
Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result	05/02/18 0.0000	05/02/18 1.0100	05/02/18	05/02/18	05/02/18	05/02/18	05/02/18	05/02/18	05/02/18
Sample #2 Date, Result	05/22/18	05/22/18 0.3500	05/22/18	05/22/18	05/22/18	05/22/18	05/22/18	05/22/18	05/22/18
Sample #3 Date, Result	05/31/18	05/31/18 0.0000	05/31/18	05/31/18	05/31/18	05/31/18	05/31/18	05/31/18	05/31/18
Minimum	0.0000	0.0000							
Maximum	1.0100	0.3500							
Average	0.4533	0.0000							
Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	05/02/18 230.00	05/02/18 2,000.00	05/02/18 27.00	05/02/18 1,400.00	05/02/18 2,500.00	05/02/18 2,500.00	05/02/18 2,500.00	05/02/18 2,500.00	05/02/18 2,500.00
Sample #2 Date, Result	05/22/18	05/22/18 2,000.00	05/22/18 7.50	05/22/18 1,400.00	05/22/18 890.00	05/22/18 890.00	05/22/18 890.00	05/22/18 890.00	05/22/18 890.00
Sample #3 Date, Result	05/31/18	05/31/18 2,000.00	05/31/18 7.50	05/31/18 1,400.00	05/31/18 890.00	05/31/18 890.00	05/31/18 890.00	05/31/18 890.00	05/31/18 890.00
Minimum	230.00	2,000.00	7.50	1,400.00	890.00	890.00	890.00	890.00	890.00
Maximum	230.00	2,000.00	27.00	1,400.00	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00
Average	230.00	2,000.00	17.25	1,400.00	1,695.00	1,695.00	1,695.00	1,695.00	1,695.00

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

May 01, 2018 to May 31, 2018

Industry Name:		Lakeshore Railcar & Tanker Services							
Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result	05/02/18	05/02/18	05/02/18	05/02/18	05/02/18	05/02/18	05/02/18	05/02/18	05/02/18
Sample #2 Date, Result	05/22/18	05/22/18	05/22/18	05/22/18	05/22/18	05/22/18	05/22/18	05/22/18	05/22/18
Sample #3 Date, Result	05/31/18	05/31/18	05/31/18	05/31/18	05/31/18	05/31/18	05/31/18	05/31/18	05/31/18
Minimum									
Maximum									
Average									
o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result	05/02/18	05/02/18	05/02/18	05/02/18	05/02/18	05/02/18	05/02/18	05/02/18	05/02/18
Sample #2 Date, Result	05/22/18	05/22/18	05/22/18	05/22/18	05/22/18	05/22/18	05/22/18	05/22/18	05/22/18
Sample #3 Date, Result	05/31/18	05/31/18	05/31/18	05/31/18	05/31/18	05/31/18	05/31/18	05/31/18	05/31/18
Minimum									
Maximum									
Average									

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

May 01, 2018 to May 31, 2018

Industry Name:		Lakeshore Railcar & Tanker Services							
Daily Max Limits					Monthly Average Limits*				
Parameter	Units	Daily Max Limit	Violations	TRC Exceedances	Parameter	Units	Monthly Average Limit	Average	Violations
Arsenic*	mg/L	0.162	0	0	Antimony	mg/L	0.2060		
Cadmium	mg/L	0.474	0	0	Arsenic	mg/L	0.1040	0.0088	0
Copper	mg/L	0.5	0	0	Cadmium	mg/L	0.0962	0.0001	0
Lead	mg/L	0.350	0	0	Chromium	mg/L	0.3230	0.0019	0
Molybdenum	mg/L	2.8	0	0	Cobalt	mg/L	0.1240		
Nickel	mg/L	0.80	0	0	Copper	mg/L	0.2420	0.0075	0

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jun 01, 2018 to Jun 30, 2018

Industry Name: *Lakeshore Railcar & Tanker Services*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	06/19/18	9.5	06/19/18	0.0000	06/25/18	0.0002	06/19/18	0.0075	06/19/18	0.0000
Sample #2 Date, Result	06/27/18	8.7	06/25/18	0.0009			06/25/18	0.0013	06/25/18	0.0003
Sample #3 Date, Result			06/27/18	0.0000			06/27/18	0.0065	06/27/18	0.0000
Minimum		8.7		0.0000		0.0002		0.0013		0.0000
Maximum		9.5		0.0009		0.0002		0.0075		0.0003
Average		9.1		0.0003		0.0002		0.0051		0.0001
	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	06/25/18	0.0019	06/25/18	0.0084	06/19/18	0.0000	06/19/18	0.0000	06/19/18	0.0340
Sample #2 Date, Result					06/25/18	0.0084	06/25/18	0.0007	06/25/18	0.0081
Sample #3 Date, Result					06/27/18	0.0000	06/27/18	0.0000	06/27/18	0.0140
Minimum		0.0019		0.0084		0.0000		0.0000		0.0081
Maximum		0.0019		0.0084		0.0084		0.0007		0.0340
Average		0.0019		0.0084		0.0028		0.0002		0.0187
	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	06/25/18	0.0019	06/25/18	0.0000	06/19/18	0.1200	06/25/18	0.00010	06/25/18	0.3900
Sample #2 Date, Result					06/25/18	0.1300	06/27/18	0.00000	06/27/18	0.4600
Sample #3 Date, Result					06/27/18	0.1900				
Minimum		0.0019		0.0000		0.1200		0.00000		0.3900
Maximum		0.0019		0.0000		0.1900		0.00010		0.4600
Average		0.0019		0.0000		0.1467		0.00005		0.4250
	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	06/19/18	0.2400	06/19/18	0.0400	06/19/18	0.0000	06/19/18	0.0029	06/19/18	2.30
Sample #2 Date, Result	06/25/18	0.3000	06/25/18	0.0100	06/25/18	0.0023	06/25/18	0.0004	06/25/18	2.70
Sample #3 Date, Result	06/27/18	0.0600	06/27/18	0.0300	06/27/18	0.0040	06/27/18	0.0372	06/27/18	3.90
Minimum		0.0600		0.0100		0.0000		0.0004		2.30
Maximum		0.3000		0.0400		0.0040		0.0372		3.90
Average		0.2000		0.0267		0.0021		0.0135		2.97
	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
Sample #1 Date, Result	06/19/18	0.0400								
Sample #2 Date, Result	06/25/18	2.0000								
Sample #3 Date, Result	06/27/18	2.2000								
Minimum		0.0400								
Maximum		2.2000								
Average		1.4133								
	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	06/19/18	46.00	06/19/18	1,500.00	06/19/18	100.00			06/19/18	1,100.00
Sample #2 Date, Result	06/27/18	49.00	06/27/18	840.00	06/25/18	19.00			06/25/18	570.00
Sample #3 Date, Result					06/27/18	14.00			06/27/18	1,200.00
Minimum		46.00		840.00		14.00				570.00
Maximum		49.00		1,500.00		100.00				1,200.00
Average		47.50		1,170.00		44.33				956.67

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jun 01, 2018 to Jun 30, 2018

Industry Name: *Lakeshore Railcar & Tanker Services*

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										
	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Jun 01, 2018 to Jun 30, 2018

Industry Name: *Lakeshore Railcar & Tanker Services*

Daily Max Limits					Monthly Average Limits*				
Parameter	Units	Daily Max Limit	Violations	TRC Exceedances	Parameter	Units	Monthly Average Limit	Average	Violations
Arsenic*	mg/L	0.162	0	0	Antimony	mg/L	0.2060		
Cadmium	mg/L	0.474	0	0	Arsenic	mg/L	0.1040	0.0003	0
Copper	mg/L	0.5	0	0	Cadmium	mg/L	0.0962	0.0002	0
Lead	mg/L	0.350	0	0	Chromium	mg/L	0.3230	0.0021	0
Molybdenum	mg/L	2.8	0	0	Cobalt	mg/L	0.1240		
Nickel	mg/L	0.80	0	0	Copper	mg/L	0.2420	0.0051	0

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: *Outfall 531 - Praxair, Inc.*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/03/18	8.2000	04/03/18	0.0095	06/06/18	0.0000	04/03/18	0.079	04/03/18	0.0071
Sample #2 Date, Result	05/09/18	7.9000	05/09/18	0.0110			05/09/18	0.130	05/09/18	0.0092
Sample #3 Date, Result	06/05/18	8.0000	06/06/18	0.0091			06/06/18	0.063	06/06/18	0.0056
Minimum		7.9		0.0091		0.0000		0.0630		0.0056
Maximum		8.2		0.0110		0.0000		0.1300		0.0092
Average		8.0		0.0099		0.0000		0.0907		0.0073
	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	06/06/18	0.0096	06/06/18	0.0052	06/06/18	0.0000	04/03/18	0.0000	04/03/18	0.0960
Sample #2 Date, Result							05/09/18	0.0000	05/09/18	0.0350
Sample #3 Date, Result							06/06/18	0.0000	06/06/18	0.0200
Minimum		0.0096		0.0052		0.0000		0.0000		0.0200
Maximum		0.0096		0.0052		0.0000		0.0000		0.0960
Average		0.0096		0.0052		0.0000		0.0000		0.0503
	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride (lbs/day)		Mercury		Ammonia	
Sample #1 Date, Result	06/06/18	0.0000	06/06/18	0.0000	04/03/18	0.943	06/06/18	0.0000	06/06/18	7.3000
Sample #2 Date, Result					05/09/18	0.530				
Sample #3 Date, Result										
Minimum		0.0000		0.0000		0.5298		0.0000		7.3000
Maximum		0.0000		0.0000		0.9426		0.0000		7.3000
Average		0.0000		0.0000		0.7362		0.0000		7.3000
	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/03/18	1.9200	06/06/18	0.0000	06/06/18	0.0028	06/05/18	0.0044	06/05/18	0.0000
Sample #2 Date, Result	05/09/18	1.1800								
Sample #3 Date, Result	06/06/18	1.4300								
Minimum		1.1800		0.0000		0.0028		0.0044		0.0000
Maximum		1.9200		0.0000		0.0028		0.0044		0.0000
Average		1.5100		0.0000		0.0028		0.0044		0.0000
	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	04/03/18	0.4000	06/06/18	12.00	04/03/18	77.0000	04/03/18	1,800.00	04/03/18	25.00
Sample #2 Date, Result	05/09/18	0.0600			05/09/18	93.0000	05/09/18	1,600.00	05/09/18	20.00
Sample #3 Date, Result	06/05/18	0.0300			06/06/18	71.0000	06/06/18	1,300.00	06/06/18	24.00
Minimum		0.0300		12.0000		71.0000		1,300.00		20.00
Maximum		0.4000		12.0000		93.0000		1,800.00		25.00
Average		0.1633		12.0000		80.3333		1,566.67		23.00
	Sulfate									
Sample #1 Date, Result	04/03/18	700.000								
Sample #2 Date, Result	05/09/18	580.000								
Sample #3 Date, Result	06/06/18	240.000								
Minimum		240.000								
Maximum		700.000								
Average		506.667								

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: *Outfall 531 - Praxair, Inc.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/l	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride*	lbs/day	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**If not specified, the unit is in mg/L

of Violations and # of TRC Exceedances based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Apr 30, 2018

Industry Name:

Safety Kleen Systems

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/10/18	6.8	04/10/18	0.0000	04/23/18	0.00080	04/10/18	0.0000	04/10/18	0.00000
Sample #2 Date, Result	04/23/18	5.7	04/23/18	0.0064			04/23/18	0.0049	04/23/18	0.00000
Sample #3 Date, Result										
Minimum		5.7		0.0000		0.0008		0.0000		0.0000
Maximum		6.8		0.0064		0.0008		0.0049		0.0000
Average		6.3		0.0032		0.0008		0.0025		0.0000
	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/10/18	0.01600	04/10/18	0.01000	04/23/18	0.00000	04/10/18	0.00000	04/10/18	0.0300
Sample #2 Date, Result	04/23/18	0.01400	04/23/18	0.01600			04/23/18	0.00000	04/23/18	0.0380
Sample #3 Date, Result										
Minimum		0.0140		0.0100		0.0000		0.0000		0.0300
Maximum		0.0160		0.0160		0.0000		0.0000		0.0380
Average		0.0150		0.0130		0.0000		0.0000		0.0340
	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result					04/10/18	0.31	04/10/18	0.00000	04/10/18	52.00
Sample #2 Date, Result					04/23/18	0.28	04/23/18	0.00000	04/23/18	49.00
Sample #3 Date, Result										
Minimum						0.2800		0.0000		49.0000
Maximum						0.3100		0.0000		52.0000
Average						0.2950		0.0000		50.5000
	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/10/18	0.1800	04/10/18	0.0600	04/10/18	0.0042	04/10/18	0.0253	04/10/18	1.9000
Sample #2 Date, Result	04/23/18	0.1600	04/23/18	0.1900	04/23/18	0.0033	04/23/18	0.0022	04/23/18	1.6000
Sample #3 Date, Result										
Minimum		0.1600		0.0600		0.0033		0.0022		1.6000
Maximum		0.1800		0.1900		0.0042		0.0253		1.9000
Average		0.1700		0.1250		0.0038		0.0138		1.7500
	Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	04/10/18	0.4000			04/10/18	290.000			04/10/18	390.00
Sample #2 Date, Result	04/23/18	1.0500			04/23/18	270.000			04/23/18	450.00
Sample #3 Date, Result										
Minimum		0.4000				270.000				390.00
Maximum		1.0500				290.000				450.00
Average		0.7250				280.000				420.00
	TDS		TSS							
Sample #1 Date, Result	04/10/18	420.00	04/10/18	150.00						
Sample #2 Date, Result	04/23/18	410.00	04/23/18	96.00						
Sample #3 Date, Result										
Minimum				96.00						
Maximum				150.00						
Average				123.00						

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Apr 30, 2018

Industry Name:

Safety Kleen Systems

	Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										
	o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Apr 30, 2018

Industry Name:

Safety Kleen Systems

Daily Max Limits					Monthly Average Limits*				
Parameter	Units	Daily Max Limit	Violations	TRC Exceedances	Parameter	Units	Monthly Average Limit	Average	Violations
Arsenic*	mg/L	1.310	0	0	Antimony	mg/L	0.2060		
Cadmium	mg/L		0	0	Arsenic	mg/L	0.1040	0.0032	0
Copper	mg/L	0.88	0	0	Cadmium	mg/L	0.0962	0.0008	0
Lead*	mg/L	2.280	0	0	Chromium	mg/L	0.4870	0.0038	0
Molybdenum	mg/L	2.8	0	0	Cobalt	mg/L	0.1240		
Nickel	mg/L	0.80	0	0	Copper	mg/L	0.3010	0.0025	0

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

May 01, 2018 to May 31, 2018

Industry Name:		Safety Kleen Systems							
Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	05/07/18	05/07/18	0.0057	05/07/18	0.00080	05/07/18	0.0290	05/07/18	0.00000
Sample #2 Date, Result	05/30/18	05/30/18	0.0060	05/30/18	0.00070	05/30/18	0.0082	05/30/18	0.00000
Sample #3 Date, Result									
Minimum			0.0057		0.0007		0.0082		0.0000
Maximum			0.0060		0.0008		0.0290		0.0000
Average			0.0059		0.0008		0.0186		0.0000
Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	05/07/18	05/07/18	0.02500	05/07/18	0.00000	05/07/18	0.00000	05/07/18	0.0930
Sample #2 Date, Result	05/30/18	05/30/18	0.01900	05/30/18	0.00000	05/30/18	0.00000	05/30/18	0.0360
Sample #3 Date, Result									
Minimum			0.0190		0.0000		0.0000		0.0360
Maximum			0.0230		0.0000		0.0000		0.0930
Average			0.0170		0.0000		0.0000		0.0645
Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	05/07/18	05/07/18	0.000	05/07/18	0.66	05/07/18	0.00020	05/07/18	80.00
Sample #2 Date, Result				05/30/18	0.47	05/30/18	0.00021	05/30/18	26.00
Sample #3 Date, Result									
Minimum			0.0000		0.4700		0.0002		26.0000
Maximum			0.0000		0.6600		0.0002		80.0000
Average			0.0000		0.5650		0.0002		53.0000
Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	05/07/18	05/07/18	0.5600	05/07/18	0.0380	05/07/18	0.0447	05/07/18	3.4000
Sample #2 Date, Result	05/30/18	05/30/18	0.1000	05/30/18	0.0043	05/30/18	0.0788	05/30/18	2.3000
Sample #3 Date, Result									
Minimum			0.1000		0.0043		0.0447		2.3000
Maximum			0.5600		0.0380		0.0788		3.4000
Average			0.3300		0.0212		0.0618		2.8500
Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	05/07/18			05/07/18	330.000			05/07/18	660.00
Sample #2 Date, Result	05/30/18			05/30/18	350.000			05/30/18	410.00
Sample #3 Date, Result									
Minimum					330.000				410.00
Maximum					350.000				660.00
Average					340.000				535.00
TDS		TSS							
Sample #1 Date, Result	05/07/18	05/07/18	220.00						
Sample #2 Date, Result	05/30/18	05/30/18	130.00						
Sample #3 Date, Result									
Minimum			130.00						
Maximum			220.00						
Average			175.00						

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

May 01, 2018 to May 31, 2018

Industry Name:		Safety Kleen Systems							
Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result									
Sample #2 Date, Result									
Sample #3 Date, Result									
Minimum									
Maximum									
Average									
o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result									
Sample #2 Date, Result									
Sample #3 Date, Result									
Minimum									
Maximum									
Average									

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

May 01, 2018 to May 31, 2018

Industry Name:		Safety Kleen Systems							
Daily Max Limits					Monthly Average Limits*				
Parameter	Units	Daily Max Limit	Violations	TRC Exceedances	Parameter	Units	Monthly Average Limit	Average	Violations
Arsenic*	mg/L	1.310	0	0	Antimony	mg/L	0.2060		
Cadmium	mg/L		0	0	Arsenic	mg/L	0.1040	0.0059	0
Copper	mg/L	0.88	0	0	Cadmium	mg/L	0.0962	0.0008	0
Lead*	mg/L	2.280	0	0	Chromium	mg/L	0.4870	0.0212	0
Molybdenum	mg/L	2.8	0	0	Cobalt	mg/L	0.1240		
Nickel	mg/L	0.80	0	0	Copper	mg/L	0.3010	0.0186	0

Industry Name:		Safety Klean Systems							
Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	06/11/18 3.1	06/11/18	0.0076		06/01/18	0.0130	06/01/18	0.00000	
Sample #2 Date, Result	06/26/18 5.7	06/26/18	0.0000		06/11/18	0.0031	06/11/18	0.00000	
Sample #3 Date, Result					06/26/18	0.0100	06/26/18	0.00000	
Minimum	3.1	0.0000				0.0031		0.0000	
Maximum	5.7	0.0076				0.0130		0.0000	
Average	4.4	0.0038				0.0087		0.0000	
Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	06/01/18 0.03600	06/11/18	0.01700		06/11/18	0.00000	06/01/18	0.0350	
Sample #2 Date, Result	06/11/18 0.01800	06/26/18	0.01600		06/26/18	0.00000	06/11/18	0.0600	
Sample #3 Date, Result	06/26/18 0.01300						06/26/18	0.0320	
Minimum	0.0130	0.0160				0.0000		0.0320	
Maximum	0.0360	0.0170				0.0000		0.0600	
Average	0.0223	0.0165				0.0000		0.0423	
Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	06/01/18 0.0000	06/01/18	0.000	06/11/18	0.75	06/26/18	0.00000	06/11/18	43.00
Sample #2 Date, Result				06/26/18	0.54			06/26/18	37.00
Sample #3 Date, Result									
Minimum	0.0000	0.0000			0.5400		0.0000		37.0000
Maximum	0.0000	0.0000			0.7500		0.0000		43.0000
Average	0.0000	0.0000			0.6450		0.0000		40.0000
Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	06/11/18 0.4900	06/26/18	0.1400	06/01/18	0.0066	06/11/18	0.0282	06/11/18	2.3000
Sample #2 Date, Result	06/26/18 0.4600			06/11/18	0.0065	06/26/18	0.0642	06/26/18	4.4000
Sample #3 Date, Result				06/26/18	0.0130				
Minimum	0.4600	0.1400			0.0065		0.0282		2.3000
Maximum	0.4900	0.1400			0.0130		0.0642		4.4000
Average	0.4750	0.1400			0.0087		0.0462		3.3500
Residual Chlorine		Tin		Sulfate		Biochemical Oxygen Demand		Chemical Oxygen Demand	
Sample #1 Date, Result	06/11/18 0.4000	06/01/18	0.01	06/11/18	600.000			06/11/18	370.00
Sample #2 Date, Result	06/26/18 0.5300			06/26/18	320.000			06/26/18	590.00
Sample #3 Date, Result									
Minimum	0.4000	0.0140			320.000				370.00
Maximum	0.5300	0.0140			600.000				590.00
Average	0.4650	0.0140			460.000				480.00
TDS		TSS							
Sample #1 Date, Result	06/11/18 1,000.00	06/11/18	74.00						
Sample #2 Date, Result	06/26/18 640.00	06/26/18	190.00						
Sample #3 Date, Result									
Minimum		74.00							
Maximum		190.00							
Average		132.00							

Industry Name:		Safety Klean Systems							
Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result		06/01/18	0.0080				06/01/18	0.0000	
Sample #2 Date, Result									
Sample #3 Date, Result									
Minimum		0.0080						0.0000	
Maximum		0.0080						0.0000	
Average		0.0080						0.0000	
o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result				06/01/18	0.0000	06/01/18	0.0000		
Sample #2 Date, Result									
Sample #3 Date, Result									
Minimum					0.0000		0.0000		
Maximum					0.0000		0.0000		
Average					0.0000		0.0000		

Industry Name:		Safety Klean Systems							
Daily Max Limits					Monthly Average Limits*				
Parameter	Units	Daily Max Limit	Violations	TRC Exceedances	Parameter	Units	Monthly Average Limit	Average	Violations
Arsenic*	mg/L	1.310	0	0	Antimony	mg/L	0.2060		
Cadmium	mg/L		0	0	Arsenic	mg/L	0.1040	0.0038	0
Copper	mg/L	0.88	0	0	Cadmium	mg/L	0.0962		
Lead*	mg/L	2.280	0	0	Chromium	mg/L	0.4870	0.0087	0
Molybdenum	mg/L	2.8	0	0	Cobalt	mg/L	0.1240	0.0080	0
Nickel	mg/L	0.80	0	0	Copper	mg/L	0.3010	0.0087	0

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: *United States Gypsum Company*

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/02/18	8.1	04/02/18	0.0000	06/07/18	0.0000	04/02/18	0.0093	04/02/18	0.0000
Sample #2 Date, Result	05/15/18	8.0	05/15/18	0.0000			05/15/18	0.0140	05/15/18	0.0000
Sample #3 Date, Result	06/07/18	8.2	06/07/18	0.0000			06/07/18	0.0048	06/07/18	0.0000
Minimum		8.0		0.0000		0.0000		0.0048		0.0000
Maximum		8.2		0.0000		0.0000		0.0140		0.0000
Average		8.1		0.0000		0.0000		0.0094		0.0000
	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	06/07/18	0.0088	06/07/18	0.0000	04/02/18	0.0000	04/02/18	0.0000	06/07/18	0.0270
Sample #2 Date, Result					05/15/18	0.0000	05/15/18	0.0000		
Sample #3 Date, Result					06/07/18	0.0000	06/07/18	0.0000		
Minimum		0.0088		0.0000		0.0000		0.0000		0.0270
Maximum		0.0088		0.0000		0.0000		0.0000		0.0270
Average		0.0088		0.0000		0.0000		0.0000		0.0270
	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	06/07/18	0.0000	06/07/18	0.0000	04/02/18	0.5500	06/07/18	0.0000	04/02/18	44.0000
Sample #2 Date, Result					05/15/18	0.7100			05/15/18	31.0000
Sample #3 Date, Result					06/07/18	1.0000			06/07/18	16.0000
Minimum		0.0000		0.0000		0.5500		0.0000		16.0000
Maximum		0.0000		0.0000		1.0000		0.0000		44.0000
Average		0.0000		0.0000		0.7533		0.0000		30.3333
	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/02/18	7.6100	06/07/18	0.0000	06/07/18	0.0000	04/02/18	0.0000	04/02/18	6.2000
Sample #2 Date, Result	05/15/18	4.3200					05/15/18	0.0018	05/15/18	1.9000
Sample #3 Date, Result	06/07/18	17.2000					06/07/18	0.0000	06/07/18	1.5000
Minimum		4.3200		0.0000		0.0000		0.0000		1.5000
Maximum		17.2000		0.0000		0.0000		0.0018		6.2000
Average		9.7100		0.0000		0.0000		0.0006		3.2000
	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result	05/15/18	0.0000	06/07/18	41.00	04/02/18	300.00	04/02/18	1,200.00	04/02/18	160.00
Sample #2 Date, Result	06/07/18	0.0100			05/15/18	310.00	05/15/18	1,400.00	05/15/18	120.00
Sample #3 Date, Result					06/07/18	110.00	06/07/18	1,800.00	06/07/18	27.00
Minimum		0.0000		41.00		110.00		1,200.00		27.00
Maximum		0.0100		41.00		310.00		1,800.00		160.00
Average		0.0050		41.00		240.00		1,466.67		102.33
	Sulfate									
Sample #1 Date, Result	04/02/18	260.000								
Sample #2 Date, Result	05/15/18	500.000								
Sample #3 Date, Result	06/07/18	540.000								
Minimum		260.000								
Maximum		540.000								
Average		433.333								

East Chicago Sanitary District: Waste Water Division
Pretreatment Monitoring Report

Apr 01, 2018 to Jun 30, 2018

Industry Name: *United States Gypsum Company*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

*Site Specific Limit

**If not specified, the unit is in mg/L

of Violations and # of TRC Exceedances based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

